

## EAST Search History

/DC/ - 7/14/2008

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1586	(162/147,175).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 14:04
S1	20	("3180787" "4407994" "4522686" "4847315" "4859244" "5177051" "5393566" "5397436" "5429294" "5531863" "5858173" "5961708" "6103861" "6153040" "6159339" "6171680" "6273997" "6348132" "20030124316").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 11:40
S2	8061	(162/4,5,60,135,136,137,158,163,164,164.1,164.7,164.6,168.1,168.2,168.3,180,183,184,185,186).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/22 09:07
S3	11353	((428/34.2,138,182,486) or (106/206.1,209.1,287.23,287.24,162.1,243) or (549/200,231,233,255) or (528/271) or (427/348)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/22 09:09
S4	19255	S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 09:09
S5	170	acryl\$3 and (AKD or "\$5yl ketene dimer\$1" or ASA or "\$5yl succinic anhydride\$1") and (cationic near1 polymer\$6) and starch	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:18
S6	86	acryl\$3 and (AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1") and (cationic near1 polymer\$6) and starch	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 11:47
S7	79	S6 and acrylic	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:19
S8	1206122	S6 and acrylic acid	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:20
S9	65	S6 and "acrylic acid"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 12:51
S10	42	S9 and crosslink\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:42
S11	42	S10 and (paper or cellulose\$2 or fiber or web or sheet or mat)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:22

## EAST Search History

S12	5	S2 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 11:22
S13	116	"organic crosslinking agent" and "acrylic acid"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 12:51
S14	1	CA-2354966-\$.did.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 07:09
S15	1	WO-200225013-\$.did.	EPO; DERWENT	OR	ON	2006/07/23 11:24
S16	1	CA-2354966-\$.did.	DERWENT	OR	ON	2005/09/23 07:12
S17	0	CA-2354966-\$.did.	EPO	OR	ON	2005/09/23 07:12
S18	1	("5393566").PN.	USPAT; USOCR	OR	OFF	2005/12/13 08:15
S19	0	("(acrylicadjacid)same(crosslink\$3adjagent)").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 07:49
S20	4447	(acrylic adj acid) same (crosslink\$3 adj agent)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 07:52
S21	0	"acrylic acid crosslink\$3 agent"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 07:51
S22	2495	(acrylic adj acid) with (crosslink\$3 adj agent)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 07:52
S23	8128	(162/4,5,60,135,136,137,158,163,164,164.1,164.7,164.6,168.1,168.2,168.3,180,183,184,185,186).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 07:52
S24	24	S22 and S23	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:00
S25	2136	crosslink\$2 adj acrylic	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:08
S26	11422	((428/34.2,138,182,486) or (106/206.1,209.1,287.23,287.24,162.1,243) or (549/200,231,233,255) or (528/271) or (427/348)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 08:01

## EAST Search History

S27	19389	S23 or S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:01
S28	19389	S23 or S26 or S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:02
S29	9	S25 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 08:15
S30	4	((("2726230") or ("3493550"))).PN.	USPAT; USOCR	OR	OFF	2006/01/23 09:07
S31	0	("I7andstearate").PN.	USPAT; USOCR	OR	OFF	2006/01/23 09:07
S32	297	S25 and stearate	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:08
S33	19	(crosslink\$2 adj acrylic) same stearate	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 09:55
S34	354	"alkyl ketene dimer" with cationic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:13
S35	4	((("4407994") or ("4522686"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/23 10:13
S36	1	("20040089433").PN.	US-PGPUB	OR	OFF	2007/01/13 10:38
S37	1339518	alkyl ketene dimer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:56
S38	1520	"alkyl ketene dimer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:57

## EAST Search History

S39	1520	S38 and PY< "1975"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:57
S40	41	S38 and @PY< "1975"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/22 14:58
S41	148	("alkyl ketene dimer" or AKD) near2 cationic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/23 11:26
S42	2	((("6576049") or ("6248164"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 14:44
S43	3	((("5858173") or ("5876562") or ("6414055"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 14:45
S44	0	WO-0225013-\$.did.	EPO; DERWENT	OR	ON	2007/01/12 14:48
S45	1	WO-200225013-\$.did.	EPO; DERWENT	OR	ON	2008/01/16 08:43
S46	2	Ep-499448-\$.did.	EPO; DERWENT	OR	ON	2007/01/12 14:48
S47	1	("6551457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/12 14:53
S48	1	"20020062938"	US-PGPUB	OR	ON	2007/01/13 11:40
S49	59	((acrylic adj acid) same (monomer or polymer)) and (crosslink\$3 or (cross adj link\$3)) and (AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1") and (cationic near2 (starch or polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:22
S50	10	S49 and wood and (recycle\$1 or (waste adj paper) or deinked)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:01
S51	177	combination and (AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1") and (cationic near2 (starch or polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:22
S52	14	(combination with ((AKD or "\$5yl ketene dimer\$1") and (ASA or "\$5yl succinic anhydride\$1")))) and (cationic near2 (starch or polysaccharide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/13 12:23

## EAST Search History

S53	219	propst.IN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 09:42
S54	318	propst.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:42
S55	82	S54 and (AKD or ASA or ketene or succinic or size or sizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:42
S56	11	S54 and (recyclable or repulpable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:42
S57	82	S55 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:46
S58	3	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/09 09:43
S59	3459	(cationic with (acrylic adj acid))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:34
S60	0	l1] and papermaking	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S61	243	S59 and papermaking	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S62	111	S61 and (crosslink\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S63	165	S61 and (coating or sizing)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S64	80	S62 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 16:35
S65	2	("20040089433").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/16 08:42

## EAST Search History

S66	2	WO-2004037930-\$.did.	EPO; DERWENT	OR	ON	2008/01/16 08:46
S67	1	2004-411213.NRAN.	DERWENT	OR	ON	2008/01/16 08:44
S68	1	EP-1601726-\$.did.	EPO; DERWENT	OR	ON	2008/01/16 08:46
S69	1	JONCRYL near12 cationic	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 08:26
S70	13	((("20020040088") or ("20030205167") or ("6576049") or ("6159339") or ("6248164") or ("5876562") or ("6551457") or ("6414055") or ("5858173") or ("5858173") or ("6171444") or ("6551457") or ("6261679") or ("5429294") or ("4782109"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 08:27
S71	318	propst.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:27
S72	15	S71 and acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:27
S73	1	S71 and ((acrylic with cationic) or BASOPLAST)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:27
S74	1626	(AKD ASA succinic ketene) and (acrylic acrylate acrylamide) and (cationic with polymer) and (crosslink\$3 near2 (agent substance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28
S75	1206	(AKD ASA succinic ketene) and (acrylic acrylate acrylamide) and (cationic near5 polymer) and (crosslink\$3 near2 (agent substance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28
S76	686	S75 and (stock furnish suspension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28
S77	113	S75 and ((stock furnish suspension) near3 (paper papermaking))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:28

## EAST Search History

S78	1	S77 and (crosslink\$3 same (((zinc ammonium calcium aluminum magnesium stannous tungsten titanium zirconium) adj oxide) ((calcium aluminum magnesium) adj \$3stearate) isostearate (sodium adj tungstate) (zinc adj octoate) ((zinc calcium magnesium aluminum) near3 fatty)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:29
S79	52	S77 and (((zinc ammonium calcium aluminum magnesium stannous tungsten titanium zirconium) adj oxide) ((calcium aluminum magnesium) adj \$3stearate) isostearate (sodium adj tungstate) (zinc adj octoate) ((zinc calcium magnesium aluminum) near3 fatty))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:29
S80	3980	crosslink\$3 near5 (size sizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:29
S81	82	S80 and (sizing same (acrylic acrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:30
S82	50	S81 and (paper board paperboard cardboard liner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 08:30
S83	1792	papermaking and (sizing) and ((strength adj (additive agent)) binder bonding microsphere)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:43
S84	253	S83 and (methymethacrylate (methyl adj methacrylate) alkylacrylate (alkyl adj methacrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:44
S85	156	S84 and crosslink\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:44
S86	93	S85 and ((zinc magnesium ammonium calcium tungsten zirconium) near4 (oxide stearate isostearate (fatty adj acid)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:44

## EAST Search History

S87	41	papermaking and (stock furnish suspension) and (methylemethacrylate (methyl adj methacrylate) alkylacrylate (alkyl adj methacrylate)) and (((zinc magnesium ammonium calcium tungsten zirconium) near4 (oxide stearate isostearate (fatty adj acid))) (sodium adj tungstate)) and (crosslinking adj agent) and ((ketene adj dimer) diketene AKD ASA (succinic adj anhydride) (cellulose adj reactive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:45
S88	0	(papermaking and (stock furnish suspension) and (methylemethacrylate (methyl adj methacrylate) alkylacrylate (alkyl adj methacrylate)) and (((zinc magnesium ammonium calcium tungsten zirconium) near4 (oxide stearate isostearate (fatty adj acid))) (sodium adj tungstate)) and (crosslinking adj agent) and ((ketene adj dimer) diketene AKD ASA (succinic adj anhydride) (cellulose adj reactive))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:45
S89	0	(papermaking and (stock furnish suspension) and (methylemethacrylate (methyl adj methacrylate) alkylacrylate (alkyl adj methacrylate)) and (crosslinking adj agent) and ((ketene adj dimer) diketene AKD ASA (succinic adj anhydride) (cellulose adj reactive))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/11 17:45
S90	1	("20040089433").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/12 07:59
S91	1	("20030003268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/12 09:38
S92	0	(09/770340).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/12 09:42
S93	0	("09/770,340").CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/12 09:42
S94	2	((("6802938") or ("20010038893")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/12 09:43
S95	34416	microspheres and (Kraft medium linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:48



## EAST Search History

S96	35	(microspheres with papermaking) and (Kraft linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:48
S97	142	(microspheres with (filler pigment)) and ((Kraft near2 paper) linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:50
S98	9	(microspheres with (filler pigment)) and ((Kraft near2 paper) and linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:53
S99	10	(microspheres) and ((Kraft near2 paper) and linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:55
S100	699	(expandable microspheres) and ((Kraft adj paper) linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:56
S101	14	(expandable microspheres) and ((Kraft adj paper) and linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:56
S102	17	(expandable adj microspheres) and ((Kraft adj paper) linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 09:57
S103	59	(file adj folder) and (Kraft adj paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:01
S104	78	(file adj folder) and (medium adj paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:06
S105	14	(file adj folder) and (linerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:07

## EAST Search History

S10 6	266	(expandable adj microspheres) and (box packaging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:08
S10 7	79	(expandable adj microspheres) and (box and packaging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:09
S10 8	4	S106 and linerboard	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:10
S10 9	2	("3556934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/12 10:12
S11 0	237	papermaking and filler and (pigment with (zinc zirconium aluminum calcium magnesium tungsten) adj (oxide stearate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:31
S11 1	217	papermaking and filler and (pigment with (zinc zirconium aluminum calcium magnesium tungsten) adj (oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/12 10:32